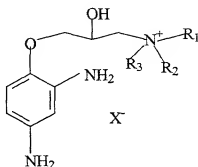


ABSTRACT

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Couplers for hair coloring compositions for oxidative dyeing of hair are compounds of the formula (1):



(i)

- 10 wherein X is Cl, Br, I, or $\text{R}^4 \text{SO}_4$; R_3 is a C_1 to C_{22} alkyl group or a C_1 to C_{22} mono or dihydroxyalkyl group; R^1 and R^2 are each independently a C_1 to C_4 alkyl group; and R^4 a C_1 to C_{22} alkyl group or a C_1 to C_{22} mono or dihydroxyalkyl group.